

Caesar Chavez Academy Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Caesar Chavez Academy, 1761 Waterman St., Detroit MI., on July 29th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by John Diegel on July 21st, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200 Detroit, MI 48203

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 358674 8/10/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Caesar Chavez, S-01-KC-01-P

Source City: Detroit

Source State: MI

Date/Time Received:

8/3/2016 14:00

Collected by:

A. Hayden

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standar	d Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
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1030 Lead	200.8 0.015	mg/L 0.001	ND	¹ 7/29/2016 06:0	0	8/8/2016	

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.8

James Abston, Operations Manager

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358674

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ANALYTICAL REPORTS

SAMPLE CODE: 358675 8/10/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Caesar Chavez, S-01-KC-01-F

Source City: Detroit Source State: MI

Date/Time Received:

8/3/2016 14:00

This column indicates the contaminant dilution factor.

Collected by:

A. Hayden

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"DF" Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	tes - Wetals			
1030 Lead	200.8 0.015	mg/L 0.001	ND .	1 7/29/2016 06:0	0	8/8/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
JP	200.8

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SAMPLE CODE: 358670 8/10/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Caesar Chavez, S-01-BF-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

8/3/2016 14:00

Collected by:

A. Hayden

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Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
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SAMPLE CODE: 358671 8/10/2016

Customer: G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Caesar Chavez, S-01-BF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

8/3/2016 14:00

Collected by:

A. Hayden

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		Inorganic Analy	tes - Metals				*CANODIMONY
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 7/29/2016 06:0	00	8/8/2016	

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SAMPLE CODE: 358672 8/10/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Caesar Chavez, S-01-GB-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

8/3/2016 14:00

Collected by:

A. Hayden

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		Inorganic Analy	∕tes - Metals				SANTES.
1030 Lead	200.8 0.015	mg/L 0,001	ND	¹ 7/29/2016 06:0	0	8/8/2016	

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Analyst	Tests	

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SAMPLE CODE: 358673 8/10/2016

Customer: G. S.

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Caesar Chavez, S-01-GB-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

8/3/2016 14:00

Collected by:

A. Hayden

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		Inorganic Anal	lytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 7/29/2016 06:0	0	8/8/2016

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of 1

358673

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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077783 05/20/2016

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Sample Number: Product:

Lead Only

Payment Method:

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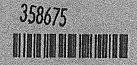
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Order Date: Sample Number:

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Sample Paid: No

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Sold To:	TSR: EF	
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Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
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Quality Water Analysis

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2077783 05/20/2016 358670

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TSR: EF

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Monica Starks	For Laboratory Use ONLY
17800 Woodward Ave	Lab Accounting Information:
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Quality Water Analysis

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Payment Method:

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Sold To: G. S. Group

Monica Starks	For Laboratory Use ONLY
17800 Woodward Ave	Lab Accounting Information:
Detroit MI 48203	Payment \$:
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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

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358672

Order Date: Sample Number:

05/20/2016

Product:

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Lead Only

Sample Paid: No

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Sold To: G. S. Group Monica Starks 17800 Woodward Ave

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Monica Starks	
17800 Woodward Ave	Lab Accounting Information:
Detroit MI 48203	Payment \$:
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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

Sample Number:

2077783 05/20/2016

358673

Product: Sample Pald: No

Lead Only Payment Method:

TSR: EF

Sold To: G. S. Group

Monica Starks	For Laboratory Use ONLY
17800 Woodward Ave	Lab Accounting Information:
Detroit MI 48203	Payment \$:
	Check #:
Date Sampled : 7/29/16	Lab Comments/Special Instructions:
Time Sampled: 06: 08 Please Use Military Time, e.g. 3:00pm = 15:00	
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Sample ID or Source: 3-01-GB-03-F	
5-01-GD-03-F	Lab Sample Information:
ource Type: Spring Well Municipal Surface	Date Received: 8 / 3 // 6
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